

WHAT IS CLAIMED IS:

1. A distributed system control method for controlling operation of a distributed system having a plurality of information processors and a single directory information manager connected therein, comprising the steps of:

creating a message addressed from first one to second of the plurality of information processors in the distributed system;

issuing a request from said first information processor to said directory information manager to cause the directory information manager to search for directory information as management information for control of operation of said respective information processors in the distributed system;

reading out said directory information in said directory information manager and sending said directory information to said first information processor; and

controlling sending operation of said created message on the basis of said directory information received from said directory information manager in said first information processor.

2. A distributed system control method as set forth in claim 1, wherein said directory information includes publish/subscribe information indicative of the other information processors which receive the message to be transferred between the information processors offering a

specific service, and said created message is sent also to the other information processors on the basis of said publish/subscribe information.

3. A distributed system control method as set forth in claim 1, wherein said directory information includes service control information for control of operational modes of the information processors belonging to the specific service, and when it is desired to send said created message, the operational modes of the information processors belonging to the specific service are controlled on the basis of said service control information.

4. A directory information manager for managing information for control of operation of a distributed system having a plurality of information processors connected therein, comprising:

a directory information repository for storing therein directory information as management information for control of operations of said plurality of information processors in said distributed system; and

directory processor for reading out the directory information requested by any one of said information processors from said directory information repository and sending the read-out directory information to said information processor.

5. An information processor to be connected to a distributed system as one of a plurality of information processors, said system also having a single directory information manager connected therein, comprising:

object-inherent processor for creating a message addressed to the information processors in said distributed system; and

communication management processor for requesting said directory information manager to search for directory information as management information for control of operations of the information processors in said distributed system and controlling sending operation of the message created by said object-inherent processor on the basis of said directory information received from said directory information manager.